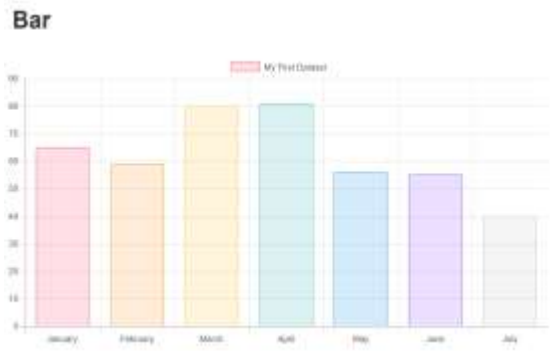
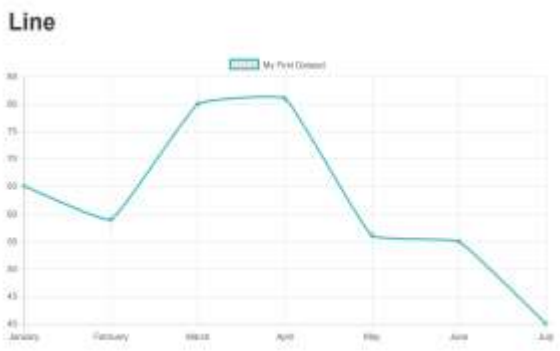
Chart.js

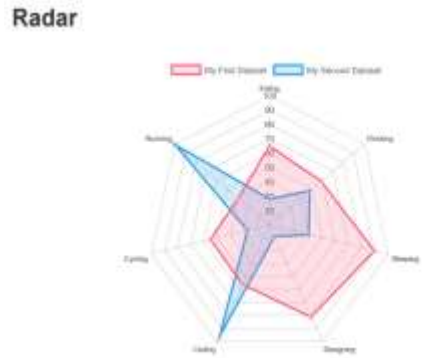
chart.js is a Javascript library that allows designers and developers to draw all kinds of charts using the HTML5 canvas element. For example, line charts, area charts, bar charts, pie charts etc. It's a self-contained script so it does not depend on external services. The data for the charts can be loaded from different data sources (MYSQL, CSV, JSON, MDB).

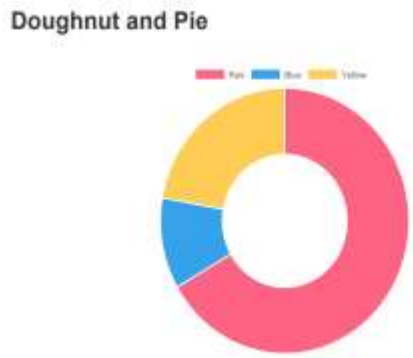
Features

- Area, Bar, Column, Line, Stacked, Donut, Pie, Polar area and Radar.
- Load data from MySQL, CSV, MS Access (MDB) or JSON
- Animation support
- Many styling options









Important note:
This extension requires PHP, so you will need to set the page file extension (in Page Properties) to PHP!

Datasource
Specifies the data source of the chart.

CSV (local)
Load data from a CSV file on your computer. The data will be embedded into the page during publishing. To update the chart after making modifications to the CSV file you must republish the page.
This option does not require any additional setup on the server side.

Example CSV data, where the first column is the x-axis (page), the 2nd column is the first dataset (total hits) and the 3rd column is the second dataset (unique hits).

```
index.html, 20, 12
about.html, 25, 18
contact.html, 15, 8
services.html, 10, 2
```

- **CSV (online)**
  Load data from a CSV file on the server. The file must already exist on the server; it will not be created by this extension! This option can be useful if you want to update the data from another location without access to the WYSIWYG Web Builder project. The file will be reloaded each time you visit the page, so the chart will always be up-to-date. The file must be on the same domain.

- **MySQL (online)**
  This will load data from a MySQL table on the server. The data will be reloaded each time you visit the page, so the chart will always be up-to-date.

  In **MySQL Filter** you can specify an optional filter for the data. Basically, this is the 'WHERE' statement of the SQL query.

  Example MySQL structure data, where 'page' is the x-axis (varchar), 'total_hits' is the first dataset (int) and the 'unique_hits' is the second dataset (int).

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id	int(6)		UNSIGNED	No	*None*		AUTO_INCREMENT
2	page	varchar (128)	utf8_unicode_ci		No			
3	total_hits	int(10)		UNSIGNED	No	1		
4	unique_hits	int(10)		UNSIGNED	No	1		

- **MS Access Database (local)**
  This will load data from a MS Access database file on your computer.
  This data will be embedded into the page during publishing. To update the chart after making modifications to the database you must republish the page.

- **JSON**
  This loads JSON data from a file (or script) on the server.

  Example JSON data:

```
[
   {"page": "index.html", "total": "20", "unique": "12"},
   {"page": "about.html", "total": "25", "unique": "18"},
   {"page": "contact.html", "total": "15", "unique": "8"},
   {"page": "services.html", "total": "10", "unique": "2"},
   {"page": "blog.html", "total": "17", "unique": "11"}
]
```

Column (x-axis)
Specifies the column that will be used for the x-axis of the chart.

For MySQL and JSON, this should be the column name (string).
For CSV and MS Access, this should be the column index (number).
Data on the x-axis is normally **text**.

Data sets
The Charts extension supports up to 5 datasets.
For each dataset you can configure the following options:

Legend
Specifies the text which will be used for legend in the chart.

Column (y-axis)
Specifies the column that will be used for the y-axis of the chart.

For MySQL and JSON, this should be the column name (string).
For CSV and MS Access, this should be the column index (number).
Data on the y-axis must be a **number**.

Fill Color
Specifies the fill color of the chart.

Alpha
Specifies the alpha value of the fill color to make the background semi-transparent.

Stroke Color
Specifies the stroke (border) color of the chart.

Notes for Pie chart:
- Pie chart only supports 1 data set.
- Multiple color variations will automatically be generated based on the selected color.
- It is also possible to configure the slice colors manually. Just add multiple datasets, where the color property will be used for each slice. The other properties of the dataset will be ignored.

Title
Specifies a title for the chart.

Horizontal axis title
Specifies the title of the horizontal axis.

Vertical axis title
Specifies the title of the vertical axis.

Full Width
Specifies whether the image should be full width (responsive) when used inside a layout grid. If set to false, the image will have a fixed size.

Chart type
The following chart types are supporting:

- Area
- Bar
- Columns
- Line
- Pie (including donuts)
- Polar Area
- Radar

Stacked
Specifies whether the columns or bars are stacked.

- **false** — elements will not stack.
- **true** — stacks elements for all series at each domain value.

Point Shape
Specifies the shape of (line chart) data points. 'circle', 'cross', 'crossRot', 'dash', 'line', 'rect, 'rectRounded', 'rectRot', 'star' and 'triangle'.

Point Size
Specifies the size of (line chart) data points.

Line Width
Specifies the line width.

Curve Type
Controls the curve of the lines when the line width is not zero. Can be one of the following:

- **flat** - Straight lines without curve.
- **curve** - The angles of the line will be smoothed.

Pie hole
Specifies the hole of a donut (pie) chart in percentages (0- 100).

Font family
Specifies the font family for text on the chart.

Font size
Specifies the font size for text on the chart.

Background color
Specifies the background color.

Text color
Specifies the color of the text in the charts.

Grid color
Specifies the color for the horizontal and vertical grid.
To hide the grid lines, set the color to RGB(254,254,254)

Title properties
Specifies the position and style of the title.

Border properties
Specifies the style of the border.

Legend
Specifies the position style of the legend.

Animation
Determines if the chart will animate on the initial draw. If true, the chart will start at the baseline and animate to its final state.

How to install this extension so it is available in WYSIWYG Web Builder?
You can use the Extension Manager (Menu->Tools->Extension Manager) to install this extension.

Alternatively, you can manually copy all files from the zip file to the Web Builder extensions folder. Usually this folder is in this location:
My Documents\WYSIWYG Web Builder\system\extensions\

Requirements
WYSIWYG Web Builder 15.0 or higher

License Agreement
This is a commercial extension for WYSIWYG Web Builder.
This extension is NOT FREE! To use it on your website you will need to buy a license:
http://www.wysiwygwebbuilder.com/chartjs.html

This extension was created by Pablo.